UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

FEB 14 2018

REPLY TO THE ATTENTION OF:

WC-15J

CERTIFIED MAIL 7016 3010 0000 9203 4660
RETURN RECEIPT REQUESTED

Mr. Jeffrey Holste
Illinois Environmental Protection Agency
2125 South First Street
Champaign, IL 61820

Subject: EPA Oversight Inspection Report

Dear Mr. Holste:

Enclosed, please find a copy of the U.S. Environmental Protection Agency Oversight Inspection Report for the inspection conducted by Illinois Environmental Protection Agency (IEPA) at [redacted] Swine Center on September 28, 2017. The purpose of the EPA oversight inspection report is to evaluate the IEPA's inspection report from the inspection conducted on September 28, 2017 and subsequent findings at [redacted] Swine Center.

Should you find anything in the report that you disagree with, please provide a detailed response.

Thank you for your prompt attention to this matter. If you have any questions, please contact Joan Rogers of my staff at (312) 886-2785.

Sincerely,

Ryan J. Bahr, Chief, Section 2
Water Enforcement and Compliance Assurance Branch

Enclosures

cc: Jim Miles, IEPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION 5

CWA OVERSIGHT INSPECTION REPORT
ILLINOIS

The purpose of this document is to provide an evaluation of an Animal Feeding Operation inspection conducted by the Illinois Environmental Protection Agency (IEPA). This evaluation is conducted via comparison to a similar inspection performed by the U. S. Environmental Protection Agency (EPA).

Inspection facility	Ex. 6 (Personal Priva) Swine Center Ex. 6 (Personal Privacy)
NPDES permit status	No NPDES Permit
IEPA inspection date	September 28, 2017
EPA inspection date	September 28, 2017

Ex. 6 (Personal Privacy) Swine Center is a large swine facility located in Teutopolis, Illinois. IEPA conducted an inspection at the site on September 28, 2017, and found some small areas of concern and some record keeping deficiencies (Attachment 1). EPA accompanied IEPA on the inspection at the facility and also noted the same areas of concern and deficiencies in the record keeping. EPA also noted that there was an additional area of concern at the facility's compost bay. There had not been any rain in the previous 24 hours and it was not raining during the inspection.

Findings from the IEPA/EPA inspection are summarized below:

Area of concern	**Identified by IEPA** September 28, 2017
Buildings for the calve lots were not fully guttered to divert clean water from entering the calve lots and then process wastewater from the calve lots could flow off the lot into a grass area.	X
There was an accumulation of feed beneath the bulk bins for the swine buildings that could flow with precipitation.	X
The facility's Nutrient Management Plan was last updated in 2012 and records to verify compliance with the Nutrient Management Plan were not available.	X
The Compost Bay was full and mortalities were not properly covered. Leachate from the Compost Bay could flow with precipitation a short distance to the intermittent unnamed tributary.	

The content of the inspection report is summarized below:

General Information

Included in Report?	**IEPA inspection** - September 28, 2017
Date and time of inspection	Included in report
Type and purpose of inspection	Included in report
Facility information	Included in report
NPDES or other ID number	Not applicable
Inspection participants listed	Included in report

Facility Information

Included in Report?	**IEPA inspection** - September 28, 2017
Facility description and areas evaluated	Included in report
Description of NPDES regulated activities pertinent to the inspection	Included in report
Regulated areas evaluated during inspection	Included in report

Inspector Observations and Documentary Support of Observations

Included in Report?	**IEPA inspection** - September 28, 2017
Narrative description of field activities conducted	Included in report
Permit requirement	No information provided
Observations made regarding permit requirements	No information provided
Information to support the observations that are made	Included in report
Inspection checklists	Included in report
Corrective actions	Not applicable
Report date and signatures	Included in report

Inspection Report Sufficiency

INSPECTION	EVALUATION
IEPA inspection September 28, 2017	The information in the report is sufficient to make a compliance determination although the inspection was conducted during dry weather and EPA noted an additional area of concern at the Compost Bay.

Signature: _____ **Date:** 2/13/18

Attachment:

IEPA inspection report January 10, 2018

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397
BRUCE RAUNER, GOVERNOR ALEC MESSINA, DIRECTOR

MEMORANDUM

DATE: September 28, 2017

TO: BW/DWPC/FOS & RU, #15

FROM: Jeffrey Holste, BW/DWPC/FOS, Champaign

SUBJECT: Effingham County
(St. Francis Twp.)

[redacted] Swine Center, Inc.
(CAFO Inspection)

Interviewed: [redacted], Owner

On September 26, 2017, I received an email from Joan Rogers, USEPA, concerning an inspection of the subject facility. I responded to the email advising Ms. Rogers that I had planned to inspect the facility on the above memo date. Ms. Rogers emailed back and stated that she would then join me on the inspection on that date.

On September 26, 2017, I called the facility and left a message indicating that we were going to inspect the facility on September 28, 2017, with an arrival time of approximately 10:00 am.

On the above memo date, I met Ms. Rogers at the Casey's Convenience Store in Teutopolis prior to our traveling to the subject facility.

Results of Field Investigation

When we arrived at the facility, [redacted] and his son met us outside. They indicated that they had gotten the message I left for them. We identified ourselves and provided the facility personnel with business cards. Sanitary footwear was put on as I was exiting the vehicle. Facility personnel waived the need for any additional biosecurity measures as long as we did not enter any of the swine buildings.

We then walked into the facility office to discuss facility operations. The attached Livestock Facility Inspection Checklist was used to guide the discussion in the office. After we completed the checklist, we proceeded to conducted a walking tour of the facility. During the tour, we basically walked around all of the buildings and discussed aspects of the facility as they were noted. The following topics were discussed during the tour:

Stormwater runoff and control – no issues were noted. The facility does have a stormwater inlet at one spot in the production area near the calve lots. No evidence was noted that livestock waste had entered the inlet and the outlet of the drain to the stream was located and viewed. It was also learned during this discussion that the facility has a groundwater pump station at the grain handling system that discharges to the stream.

Clean water diversion – the buildings for the calve lots were not fully guttered to divert clean water from entering the calve lots. One of the lots had a point where livestock waste had flowed off the lot into a grass area. The livestock waste did not travel in the grass area very far and no evidence was noted that the livestock waste had been transported to the nearby stream. It was recommended that additional clean water diversion be completed and that any livestock waste that did get transported into the grass area during storm events be cleanup.

Spillage of feed – Some of the bulk bins of feed for the swine buildings were noted to have small accumulations of spilled feed on the concrete pads for the bins. It was recommended that this spillage be cleaned up and that they routinely monitor the bulk bin pads to clean up any spilled feed.

A summary of the inspection recommendations was conducted prior to exiting the facility. The sanitary footwear was removed as entering the vehicle and left with the facility for disposal.

Jeffrey Holste

Attachments: Aerial Maps

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
Livestock Facility Inspection Checklist

GENERAL INFORMATION

BOW ID # **W**	TYPE OF FACILITY: **2.D.2 - Large Unpermitted CAFOs** TYPE OF INSPECTION: **CEI - Evaluation**			
FACILITY NAME (LLC, Inc., Corp, Partnership, sole proprietorship, etc.) [redacted] **wine Center, Inc.**		INSPECTION DATE **9/28/2017**	ARRIVAL TIME **10:20 am**	DEPARTURE TIME **12:30 pm**

ADDRESS [redacted]	LATITUDE (Decimal) **N** [redacted]	LONGITUDE (Decimal) **W** [redacted]	GPS Measured ☐ Google Earth ☒

CITY [redacted]	STATE [redacted]	ZIP CODE [redacted]	INSPECTOR(s) **Holste**	ACCOMPANIED BY (if applicable) **Joan Rogers, USEPA**

COUNTY **Effingham**	SECTION **22**	TOWNSHIP **8N**	RANGE **7E**	POLITICAL TOWNSHIP **St. Francis**	TEMP. **70's**	PRECIP. TYPE / AMT LAST 24HR **Dry**

Facility Owner(s):

☐ Same as Facility

NAME	CONTACTED	PHONE	MOBILE
[redacted]	☒ YES ☐ NO	[redacted]	[redacted]

ADDRESS	CITY	STATE	ZIP CODE
[redacted]	**Teutopolis**	**IL**	**62467**

NAME	CONTACTED	PHONE	MOBILE
	☐ YES ☐ NO		

ADDRESS	CITY	STATE	ZIP CODE

Facility Operator(s):

☐ Same as above

NAME	CONTACTED	PHONE	MOBILE
	☐ YES ☐ NO		

ADDRESS	CITY	STATE	ZIP CODE

NAME	CONTACTED	PHONE	MOBILE
	☐ YES ☐ NO		

ADDRESS	CITY	STATE	ZIP CODE

NPDES PERMIT INFORMATION (If no NPDES Permit, skip this section)

1. What type of NPDES permit has been issued? ☒ No NPDES Permit ☐ Individual NPDES Permit ☐ General NPDES Permit	NPDES #	
2. What date was the NPDES permit issued?		
3. What date does the NPDES permit expire?		
4. Is a copy of the NPDES permit onsite?	☐ YES	☐ NO
5. Permitted number of animals (no. & specie)?		
6. Does the NPDES Permit contain a compliance schedule?	☐ YES	☐ NO
7. Any changes to the production or land application areas since the permit was issued?	☐ YES	☐ NO

If "YES", provide a detailed description of changes (i.e. change in capacity, land, N&P rates, crops, transport risk):

FACILITY NUTRIENT MANAGEMENT INFORMATION		
1. How many TOTAL acres are available for land application? **1325** acres		
2. How many acres are READILY available for land application at the time of inspection? **319** acres		
3. Estimated annual quantities of liquid waste **1.4 Million** gallons		
4. Estimated annual quantities of solid waste **291** tons		
5. Does the facility have a contractor perform land application? If "YES", Name of Contractor: _____	☐ YES	☒ NO
6. What type of land application equipment is available to the facility? ☒ Umbilical Injection ☐ Honeywagon Injection ☐ Honeywagon Surface ☐ Irrigation ☐ Rotational Gun ☒ Manure Spreader ☐ Vegetative Filter ☐ Other _____		
7. Does the facility calibrate the land application equipment? If "YES", What method is used? **Flow meter on drag hose system.**	☒ YES	☐ NO
8. Facility land apply at least 100' from surface water conduits (without 35' veg buffer)? If "NO", Explain	☒ YES	☐ NO
9. Facility land apply at least 150' from any water well? If "NO", Explain	☒ YES	☐ NO
10. Facility land apply at least 200' from any surface water (without upgradient/diking)? If "NO", Explain	☒ YES	☐ NO
11. Facility land apply at least ¼-mile from any residences? If "NO", Explain **Available cropland is near neighbors so they use direct injection of waste to minimize odors.**	☐ YES	☒ NO
12. Does the facility have a storm water pollution prevention plan?	☐ YES	☒ NO
13. Are there aerial maps of land app fields showing waterways, buffers, and field tiles?	☒ YES	☐ NO
14. Does the facility have inclement weather/condition waste storage provisions?	☒ YES	☐ NO
15. Expected crop yields for land application areas	☒ YES	☐ NO
16. Inclement weather/conditions storage provisions	☒ YES	☐ NO
17. A topographic map for production and land application including drainage, discharges, and waterways	☒ YES	☐ NO
FACILITIES WITH NUTRIENT MANAGEMENT PLAN		
1. Does the NMP reflect the current operational characteristics (number of animals, cropping, Animals not in direct contact with Waters of US, N & P land application rate, etc.)?	☐ YES	☒ NO
2. Are the number of acres owned/leased consistent with those in the NMP?	☒ YES	☐ NO
3. Is manure and wastewater being applied in accordance with setback/buffer requirements of the NMP?	☒ YES	☐ NO

FACILITY RECORDKEEPING – ALL FACILITIES		
1. Land application – Date, Time, Location, Rate(s)?	☒ YES	☒ NO
2. Amount of livestock waste transferred off-site to another party and date?	☐ YES	☒ NO
3. Total N and P applied and removed from the land application fields?	☐ YES	☒ NO
4. Calculations deriving land application rates do not exceed N or P crop removal rates?	☐ YES	☒ NO
5. Calculations showing adequate land for waste application?	☒ YES	☐ NO
6. Adequate storage levels for waste in Waste Handling System?	☒ YES	☐ NO
7. Inspection & Maintenance of Waste Handling System?	☒ YES	☐ NO
8. Chemicals, Contaminants, & Mortalities Properly Disposed - NOT Directly Disposed in Waste Handling System unless designed to treat or handle those materials?	☒ YES	☐ NO
9. Clean Water Diverted from Waste Handling System?	☒ YES	☒ NO
10. Animals not in Direct Contact with Waters of US?	☒ YES	☐ NO
11. Land application performed in accordance with setback/buffer/conservation practices?	☒ YES	☐ NO
12. Protocols & test methods for routine soil and manure testing for land application?	☒ YES	☐ NO
13. Protocols for nutrient utilization in land application field?	☒ YES	☐ NO
14. Setbacks 150'-water well, 200' surface water (unless up gradient or adequate diking)?	☒ YES	☐ NO
15. Winter time land application plan (ind. setback, forecast 24 hr post land app, monitoring)?	☒ YES	☐ NO
16. Subsurface drainage inspect during/after land app?	☐ YES	☒ NO
17. A spill control and prevention plan?	☐ YES	☒ NO
18. Annual review of the nutrient management practices and an update if warranted?	☐ YES	☒ NO
19. Lg. unpermitted CAFO – Above records kept to meet ag storm water exemption? ☐ N/A	☐ YES	☒ NO

PERMITTED FACILITY RECORDKEEPING – ADD'L RECORDS TO CREATE/MAINTAIN FOR 5 YEARS:

Continuous records:

- ☐ Date, time, & est. volume of any discharges
- ☐ Deficiencies and corrective actions w/in 30 days
- ☐ Mortalities – quantity and disposal method
- ☐ Application equipment inspection date
- ☐ Results from livestock waste and soil sampling
- ☐ Expected crop yields for land application areas
- ☐ Calculations of total N/P applied to each field including sources other than livestock waste
- ☐ Number & type of animals/ size, design, type, & days of storage for livestock waste storage structures

Weekly facility inspection records:

- ☐ Stormwater diversion devices
- ☐ Runoff diversion structures
- ☐ Livestock waste diversions to containment structure
- ☐ Depth of livestock waste in storage structures

Daily facility inspection records:

- ☐ Inspection of water lines in the production areas, including drinking water or cooling water lines

Daily land application records:

- ☐ Amount of livestock waste is applied per acre
- ☐ Soil conditions at time of application
- ☐ Date & location of the field livestock waste applied
- ☐ Leak inspection of application equipment
- ☐ Weather forecast 24 hr following land application
- ☐ The method used to apply the livestock waste
- ☐ Quantity of livestock waste removed when a manure storage area or waste containment area is dewatered
- ☐ Weather – precip, temp, wind speed & direction, dew point, 24 hr prior, at land app, 24 hr post land app

4. Are all of the records identified in the NMP being maintained and kept current?	☐ YES	☐ NO
5. Are records being maintained at the required frequency?	☐ YES	☐ NO
6. Are records being maintained onsite for the period required by NMP and/or NPDES permit?	☐ YES	☐ NO

LIVESTOCK FACILITY DESCRIPTION

Type of Animals	Number of Animals (currently)	Animal Capacity	Type of Confinement	Number of Structures
SWINE > 55 LBS	4200	4200	TOTAL CONFINEMENT BDG	8
SWINE < 55 LBS	1400	1400	TOTAL CONFINEMENT BDG	2
BEEF CATTLE	40	40	OPEN CONCRETE FEEDLOT	3

Does the facility have an Illinois Certified Livestock Manager (300 or greater animal units)?	☐ N/A	☒ YES	☐ NO
If greater than 1000 animal units but less than 5000 animal units, does the facility have a waste management plan?	☐ N/A	☒ YES	☐ NO
If greater than 5000 animal units, has the facility submitted a waste management plan to IDOA for review?	☒ N/A	☐ YES	☐ NO
Does the facility have any other locations under common ownership, or where equipment and/or manure is shared, or where the other site shares land application sites? If so, put names and addresses below. [redacted] **Cattle Facility located approximately 1.25 miles to the west of this facility along 1400th Avenue.**		☒ YES	☐ NO

LIVESTOCK WASTE STORAGE

1. Does the facility have any existing livestock waste containment system? If NO, then proceed to question 10.	☒ YES	☐ NO

2. General description of the waste containment system (include solid and liquid manure handling, mortality, and feed storage areas).

Swine buildings have pits under them.
Beef lots are handled in solid form and removed and land applied as needed
Mortalities are composted, separate compost area is provided.

Type of Storage	Total Storage Capacity (Specify Units)
☐ Anaerobic Lagoon	
☐ Covered Lagoon	
☐ Holding Pond	
☐ Above Ground Storage Tank ("Slurrystore")	
☐ Below Ground Storage Tank	
☐ Settling Basin	
☐ Roofed Storage Shed	
☐ Concrete Pad	
☐ Impervious Soil Pad	
☒ Underfloor Pits	**1.7 million gallons (newest building 1.2 mil of total)**
☐ Anaerobic Digester	
☐ Manure Stacks	
☐ Vegetative Filter	
☐ Other _____	
☐ None	

3. Estimated days of storage in livestock waste storage structures **330** .

4. Do the storage structures have depth markers or staff gauges?	☐ YES	☒ NO
5. Are levels of manure in the storage structures recorded and records kept?	☐ YES	☒ NO
6. Do the storage structures have adequate freeboard/ contain 25-year/24-hour storm?	☐ YES	☐ NO

7. Estimated final stage storage structure freeboard _____ in. of total depth _____ in.

8. Does facility utilize a temporary manure stack?	☐ YES	☒ NO
9. Does the temporary manure stack have a cover, pad, and other control to prevent runoff?	☐ YES	☐ NO
10. Does the system have an outfall or discharge point?	☐ YES	☒ NO

If "YES", please provide a description (overflow pipe, spill way, etc. Include a description the area receiving the discharge).

11. Are there any portions of the production area where runoff is not controlled?	☒ YES	☐ NO

If "YES", provide a detailed description of the area(s) of concern:

There was area where it was noted that livestock waste from a calve lot flow into an adjacent grass area. No evidenc was noted that livestock waste had been conveyed beyond a short distance in the grass area. Routine cleanup of the area was recommended.

12. Is storm water is entering the production area or waste handling system?	☒ YES	☐ NO

If "YES", provide a detailed description of the area(s) of concern:

Guttering has not been added to all building roofs adjacent to concrete cattle lots. However, concrete lot areas are small with a limited number of calves on the lots. Recommended that guttering work be completed for all building roofs that are tributary concrete calve lots.

MORTALITIES MANAGEMENT

1. How are mortalities managed? (Composted, buried, burned, rendering service, other)
   Mortalities are composted. A three bin compost unit is provided.

2. Are mortalities managed so all runoff/leachate is contained?	☒ YES	☐ NO
3. Are mortalities documented and are records kept?	☒ YES	☐ NO

FACILITY WATER SOURCES

1. What type of method is used to provide drinking water for the animals?
   ☐ Overflow waterers ☐ Tip Tanks ☒ Nipple waterers ☐ Water Bowls ☐ Other _____
2. How is the water for animals obtained?
   ☒ Community PWS ☐ On-Site Well ☒ On-Site Impoundment ☐ Other _____
3. Is a mist cooling system used? ☐ YES ☒ NO
   How is mist water contained?

DAIRY OPERATION (If No Dairy, skip this section)

1. How many times per day are cows milked? _____
2. Describe how the dairy's non-contact cooling water is contained (Example: it is reused for drinking water for the animals).
3. Describe how the milking parlor is cleaned (hose or flush) and where the process wastewater goes and how it is contained.
4. Describe how the tank(s) are washed and where the process wastewater goes and how it is contained.
5. Describe where process wastewater from the plate cooler goes and how it is contained.

BEDDING (If No Bedding, skip this section)

1. Describe what type of bedding is used for the animals.
2. Describe how bedding is collected and how often.
3. What is done with the used bedding? ☐ Reused ☐ Land Applied

MANURE COLLECTION

1. How is manure collected?
   ☐ None ☒ Under Floor Pit [☐ Scraped: ☐ Automatic ☐ Manual] ☐ Flush
   ☐ Solids Separator ☐ Other: _____

2. If manure collection system uses either clean or reused water to flush, describe where this water goes and how it is contained.

LAND APPLICATION AREA INSPECTION (IF FACILITY RECENTLY OR IS ACTIVELY LAND APPLYING)

1. What type of land application equipment is being utilized for land application?
   ☐ Umbilical Injection ☐ Honeywagon Injection ☐ Honeywagon Surface ☐ Irrigation
   ☐ Rotational Gun ☐ Manure Spreader ☐ Vegetative Filter ☐ Other _____

2. Is land application rate at a level to prevent over-saturation/pooling of livestock waste?		☐ YES	☐ NO
3. Has limitation for land slope of land application been met?		☐ YES	☐ NO
4. Has restrictions of precipitation forecast preceding land application been met?		☐ YES	☐ NO
5. Surface Application – Is incorporation within 24-hours met?	☐ N/A	☐ YES	☐ NO
6. Is there a dry weather discharge into the Waters of the US from land application area?		☐ YES	☐ NO
7. Has setback to residences been met?		☐ YES	☐ NO
8. Has 150' setback to any water well been met?		☐ YES	☐ NO
9. Has 200' setback to surface water been met (unless upgrade or adequate diking)?		☐ YES	☐ NO
10. Has subsurface drainage monitoring been met?	☐ N/A	☐ YES	☐ NO
11. Has 10-yr flood plain land application injection/incorporation restriction been met?		☐ YES	☐ NO
12. AFO – Has land application on snow/frozen ground met requirements?	☐ N/A	☐ YES	☐ NO
13. Large unpermitted CAFO – Does facility meet agricultural stormwater exemption?	☐ N/A	☐ YES	☐ NO
14. Permitted CAFO - Has 100' setback to conduits to surface water been met?	☐ N/A	☐ YES	☐ NO
15. Is land application performed according to NMP?	☐ N/A	☐ YES	☐ NO

FROZEN/SNOW COVERED LAND APPLICATION PROVISIONS (CAFO ONLY)

1. Has facility met <120 day storage, no alternative, IEPA notification prior 12/1?	☐ YES	☐ NO
2. Has facility met of reduction of waste prior 12/1, deemed overflow, unable to incorporate?	☐ YES	☐ NO
3. Has facility met liquid precipitation forecasts of < 0.25"-frozen ground / 0.1"-ice/snow?	☐ YES	☐ NO
4. Has facility met high temperature forecasts <32° F next 7 days?	☐ YES	☐ NO
5. Has 200' setback to drainage, potable well, surface water for 0% slope been met?	☐ YES	☐ NO
6. Has setback 200'-drainage, 300'-potable well, 400' surface water for 0%-2% slope met?	☐ YES	☐ NO
7. Has setback 300'-drainage, 450'-potable well, 600' surface water for 2%-5% slope met?	☐ YES	☐ NO

FEED STORAGE CONTAINMENT

1. Describe how feed (silage, hay, etc) is contained.
   ☒ Bulk Bins ☐ Silage Pit ☐ Ag Bags ☐ Silo [☐ Hay: ☐ Barn ☐ Outdoor]
   ☐ Other: _____

2. Describe how feed (silage, hay, etc) runoff is contained.
   ☒ None ☐ Not Applicable – Feed totally enclosed
   ☐ Other: _____

RECEIVING SURFACE WATERS

1. Provide a description of the flow path from the facility to the nearest named surface water.

   An unnamed tributary to Little Salt Creek flows from east to west along the north edge of the facility. Part of the stream channel was dry during the inspection. Water was noted in a lower section with active live fish.

2. What is the name of the receiving stream?

   Little Salt Creek

3. Status of the named surface water: ☐ Intermittent ☒ Perennial

4. Are any unnatural bottom deposits observed in the receiving stream?	☐ YES	☒ NO

If "YES", please provide a description of the deposits:

DISCHARGES

1. Have there been any documented discharges of livestock waste to surface water ***in the past year***? If "NO" proceed to question 2.	☐ YES	☒ NO
a. If "YES", specify the date(s). _____		
b. What was the reason for the discharge?		
c. Was the discharge the result of a 25 year-24 hour rainfall event?	☐ YES	☐ NO
d. What was the precipitation amount? *(if applicable)*		
e. Was IEMA notified of the discharge?	☐ YES	☐ NO
f. Has the facility taken corrective action to remedy the situation which caused the discharge(s)?	☐ YES	☐ NO
If "YES", describe actions taken:		
2. Is the facility currently discharging livestock waste from the production area? If "NO" proceed to next section.	☐ YES	☒ NO
a. Was the discharge the result of a 25 year-24 hour rainfall event?	☐ YES	☐ NO
b. What was the precipitation amount? *(if applicable)*		

c. What is the reason for the discharge?

d. Number of water quality samples taken: _____

e. Locations of Water Quality Samples Relative to Discharge Flow: ☐ Discharge Point/Flow Path ☐ Upstream Receiving Stream ☐ Confluence Receiving Stream ☐ Downstream Receiving Stream ☐ Other _____

f. What parameter(s) tested? ☐ pH ☐ Ammonia ☐ Nitrate ☐ Nitrite ☐ Phosphorus ☐ BOD_5 ☐ Total Susp Solids ☐ Fecal ☐ Diss O_2 ☐ Other _____

g. Describe Hydraulic Connectivity of Receiving Stream to "Waters of US":

BIOSECURITY – Inspection Activities

1.	Were biosecurity measures discussed with the facility prior to inspection?		☒ YES	☐ NO
2.	Has there been 24-hours downtime between inspections for all IEPA personnel present?		☒ YES	☐ NO
3.	Was the order of inspection conducted from high risk to low risk?	☒ N/A	☐ YES	☐ NO
4.	Did all personnel stay outside livestock management and livestock waste handling facilities as defined in 35 IAC 501.285 and 35 IAC 501.300? If "YES" skip to question 7.		☒ YES	☐ NO

BIOSECURITY – Personal Protection Equipment

5.	Was sanitary footwear donned prior to entering the livestock management/waste handling facility(s)?	☐ N/A Did not Enter	☐ YES	☐ NO
6.	Were disposable coveralls donned prior to entering the livestock management/waste handling facility(s)?	☐ N/A Did not Enter	☐ YES	☐ NO
7.	Was sanitary footwear used during the inspection?		☒ YES	☐ NO
8.	Was disposable sanitary outerwear disposed at the facility?		☒ YES	☐ NO

BIOSECURITY – Vehicle

9.	Was the vehicle parking location discussed with the facility prior to inspection?		☒ YES	☐ NO
10.	Was the vehicle washed since the inspection prior to current? If "YES" skip question 11.		☒ YES	☐ NO
11.	Was the vehicle parked >300-feet from the livestock management/waste handling facility? Explain where vehicle was parked:	☐ N/A	☐ YES	☐ NO
12.	Was IEPA vehicle used on site?		☐ YES	☒ NO
13.	Was facility vehicle used on site?		☐ YES	☒ NO

BIOSECURITY – Inspection Equipment

14.	Was all equipment wiped down with anti-bacterial wipes?		☐ YES	☒ NO
15.	Was sample cooler kept inside vehicle during inspection? If "YES" skip question 16.		☒ YES	☐ NO
16.	Was sample cooler wiped down with antibacterial wipes before placing back into vehicle?	☐ N/A	☐ YES	☐ NO

OTHER COMMENTS/NOTES

The following were reviewed during inspection: CNMP / Records / Confinement Buildings / Feedlot / Feed Containment / Livestock Waste Containment System / Mortalities Management / Receiving Stream.

Comments on check list items

Nutrient Management Plan
Facility original plan was written in 2006 and updated in 2012, but additional update appearred warranted. Also, no records were kept with the plan.

Facility record keeping
1. Land application data was available in electronic form, but not placed into a record type that was available to be shown to me.
3. calculations had not been performed to verify amounts of N & P removed by crops or added by livestock waste application. Reportedly data was available to perform such calculations.
9. Not all building roofs had been fitted with guttering to divert clean water away from concrete lot areas and no records were available to document the diversions that had been done.
16. Reportedly their cropland is not tiled, so no records of subsurface drainage inspections.

A total of 8 building are used for swine production with total livestock waste storage volume of 1.7 million gallons. The newest building is a double wide finishing building with an extra deep pit (1.2 million gallons) to provide the necessary storage volume for the facility. The older buildings tend to have shallow pits and waste is routinely transferred from them to the larger pit for storage.

Attachments: ☒ Narrative ☒ Photos ☒ Site Plan ☐ Sample Results ☐ Other: _____

INSPECTOR'S SIGNATURE	REPORT DATE
[signature]	January 10, 2018

Cc: BOW/DWPC/RU

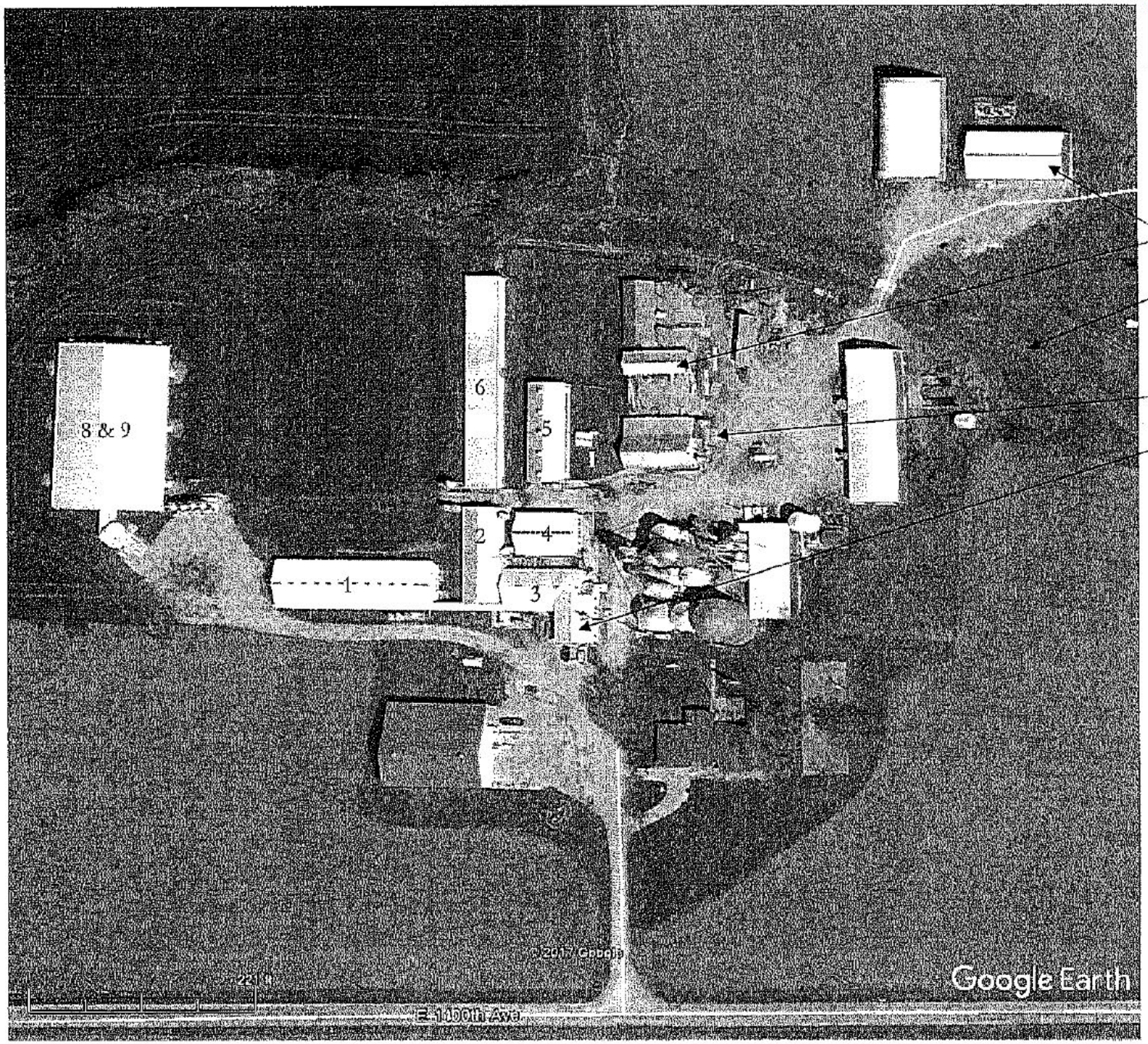
Attachments: **Maps**

[redacted] Swine Center
September 28, 2017

[redacted] Swine Center - Beef Facility

[redacted] Swine Center Facility

[redacted] Swine Center
September 28, 2017



[redacted] Swine Center, Inc.

Calve lots

Stream

Stormwater Inlet

Office

Buildings (waste storage volume)
1. Farrowing – 126,000 gallons
2. Farrowing – 60,000 gallons
3. Farrowing – 45,000 gallons
4. 28,000 gallons
5. 33,000 gallons
6. 145,000 gallons
7. 19,000 gallons
8. & 9. 1,200,000 gallons